DEPARTMENT OF ENVIRONMENTAL CONSERVATION

AIR QUALITY CONTROL MINOR PERMIT

Permit No.: AQ0034MSS01, Rev 1 **Date: Final – December 18, 2007**
Rescinds Permit No. 034TVP01

The Alaska Department of Environmental Conservation (department), under the authority of AS 46.14 and 18 AAC 50, issues Air Quality Control Minor Permit No. AQ0034MSS01 Revision 1 to the permittee listed below.

Permittee:	Tesoro Alaska Company PO Box 196272 Anchorage, AK 99519-6272
Owner and Operator:	Same as permittee
Stationary Source	Anchorage Terminals I and II
Location:	Latitude: 61 ° 14 ' North, Longitude: 149 ° 53 ' West
Physical Address:	Terminal I: 1522 Anchorage Port Road Terminal II: 1601 Tidewater Road. Anchorage, Alaska
Permit Contact:	Peter Ribbens PO Box 3369 Kenai, AK 99611 (907) 776-3599

This project is classified under 18 AAC 50.502(b)(6) because the project is a Port of Anchorage stationary source. This project is further classified under 18 AAC 50.508(5) because the permittee is requesting limits to avoid triggering Title V permitting thresholds for any regulated air pollutant. This permit satisfies the obligation of the permittee to obtain a minor permit under these provisions. The permittee is authorized to build and operate the stationary source in accordance with the terms and conditions of this minor permit, and as described in the original permit application listed in Section 9 except as specified in this permit

John F. Kuterbach
Manager, Air Permits Program

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Manager, Air Permits Program

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Section 1. Emission Unit Inventory and Description

1. **Emission Unit Operation.** The permittee is authorized to operate the emission units listed in Table 1Re

Table 1 - Emission Unit Inventory

Emission Unit	Site ID	Current Service[1]	Size (barrels)	Installation Date
Anchorage Terminal I Storage Tanks				
1	1	Transmix	10,000*	1969
2	2	Jet B	10,000*	1969
3	3	Unleaded	20,000*	1969
4	4	Diesel Fuel #2	20,000	1969
5	5	Premium Unleaded	30,000*	1970
6	6	Unleaded	50,000*	1970
7	7	Diesel Fuel Arctic	50,000	1970
8	8	Diesel Fuel #2	29,000	1966
Anchorage Terminal I Other Sources				
9		Tank Truck Loading Rack & Vapor Recovery Equipment	1,500 Gallons/minute	1969
10		Component Leaks		
Anchorage Terminal II Storage Tanks				
11	12	AV Gas 100 LL	24,800*	1967
12	13	AV Gas 100 LL	25,000*	1967
13	14	Unleaded	77,870*	1967
14	15	Jet A	78,630*	1967
15	20	Additive	378	Unknown
16	30767	Jet A	41,800	1964
17	30768	Diesel #2	41,800	1964
18	30769	AV Gas 100 LL	41,800*	1964
19	30770	Unleaded	39,550*	1964
20	30771	Premium Unleaded	30,360*	1964
21	30772	Unleaded	39,550*	1964
22	30773	Premium Unleaded	22,425*	1964
23	30774	Transmix	2,548*	1964
24	31478	Jet A	98,082	1970
25	31479	AV Gas 100 LL	25,022*	1970
26	31480	Unleaded	32,300*	1970
27	31672	Jet A	24,480*	1970
28	60014	Rail Car Overfill	1,360	1964
29	60015	Additive	1,360	1964
30	60016	Slop Tank	1,360	1964
Anchorage Terminal II Other Sources				
31		Tank Truck Loading Rack & Vapor Recovery Equipment	1,500 Gallons/minute	1964
32		Component Leaks		
33		Air Sparging System		Operational in 2006
Various Natural Gas Fired Heaters[2]				
34		Various Natural Gas Heaters	0.9 mmBtu/hr Total	Various

Table Notes: 1 - The service of all tanks can change with production and demand.
2 - The natural gas fired heaters are subject to state standards but because of their small size no monitoring or reporting is required.
* denotes tanks that have an internal floating roof system.

Section 2. Requirements to Avoid Title V Permitting

Owner Requested Limit

2. **Gasoline Storage Tank Throughput**. The permittee shall not allow the total throughput for the storage tanks (Listed as Emission Units 1 through 8 and 11 through 30 in Table 1) to exceed 500,000,000 ~~barrels~~ gallons of gasoline per consecutive twelve month period.

Monitoring and Reporting

3. **Gasoline Storage Tank Throughput Monitoring and Reporting**. The permittee shall record gasoline received as gallons per month and include this data in the Operating Reports as described in condition 39 Before the end of each calendar month, the permittee shall record the amount of the rolling twelve month gasoline received by summing the gasoline received for the previous twelve months and include this data in the Operating Reports as described in condition 39.The permittee shall notify the department as described in condition 38 if the ~~crude oil~~ gasoline throughput violates condition 2.

Affirmation of Title V Avoidance

4. The permittee shall affirm annually, in accordance with 18 AAC 50.205, whether the stationary source is still accurately described by the minor permit application and this minor permit, and whether the owner or operator has made changes that would trigger the requirements for a new permit under 18 AAC 50.

Section 3. Emission Fees

5. **Assessable Emissions.** The permittee shall pay to the department annual emission fees based on the stationary source's assessable emissions as determined by the department under 18 AAC 50.410. The assessable emission fee rate is set out in 18 AAC 50.410. The Department will assess fees per ton of each air pollutant that the stationary source emits or has the potential to emit in quantities greater than 10 tons per year. The quantity for which fees will be assessed is the lesser of:

   5.1 the stationary source's assessable potential to emit of 67 tpy; or

   5.2 the stationary source's projected annual rate of emissions that will occur from July 1 to the following June 30, based upon actual annual emissions emitted during the most recent calendar year or another 12 month period approved in writing by the department, when demonstrated by:

      a. an enforceable test method described in 18 AAC 50.220;

      b. material balance calculations;

      c. emission factors from EPA's publication AP-42, Vol. I, adopted by reference in 18 AAC 50.035; or

      d. other methods and calculations approved by the department.

6. **Assessable Emission Estimates.** Emission fees will be assessed as follows:

   6.1 no later than March 31 of each year, the permittee may submit an estimate of the stationary source's assessable emissions to ADEC, Air Permits Program, ATTN: Assessable Emissions Estimate, 410 Willoughby Ave., P.O. Box 111800 Juneau, AK 99811-1800; the submittal must include all of the assumptions and calculations used to estimate the assessable emissions in sufficient detail so the Department can verify the estimates; or

   6.2 If no estimate is received on or before March 31 of each year, emission fees for the next fiscal year will be based on the potential to emit set forth in condition 5.1.

Section 4. Emission Unit -Specific Requirements

Volatile Liquid Storage Tank Emission Standards[1]

7. The owner, operator, or permittee of a volatile liquid storage tank located in the Port of Anchorage that has a volume of 9,000 barrels (378,000 gallons) or more shall reduce organic vapors emitted to the atmosphere by using

7.1 an internal floating roof installed before June 1, 1992;

7.2 a closed vent system and control device that collects and reduces organic vapors emitted to the atmosphere by at least 95 percent (six-hour average), as specified in the department's *Air Quality Compliance Certification Procedures for Volatile Liquid Storage Tanks, Delivery Tanks, and Loading Racks*, adopted by reference in 18 AAC 50.030; or

7.3 a system that the department determines is as effective as those described in condition 7.2, using procedures in the document referred to in condition 7.2.

8. The owner, operator, or permittee of a volatile liquid storage tank that is located in the Port of Anchorage, that has a volume equal to or greater than 952 barrels (40,000 gallons) but less than 9,000 barrels (378,000 gallons), and that is not equipped with a control device described in conditions 7.1 - 7.3, shall, no later than the first time on or after June 1, 1995 that the tank is emptied and degassed, reduce organic vapors emitted to the atmosphere by installing conservation vents on the tank as specified in the document referred to in condition 7.2.

9. When conducting source testing, the department will, and the owner, operator, or permittee shall, use the procedures specified in the department's *Air Quality Compliance Certification Procedures for Volatile Liquid Storage Tanks, Delivery Tanks, and Loading Racks*, adopted by reference in 18 AAC 50.030, to determine compliance with this section. In accordance with those procedures, the owner, operator, or permittee of a volatile liquid storage tank subject to this section shall

9.1 periodically inspect air pollution control equipment;

9.2 repair any deficiencies detected;

9.3 report to the department the results of all inspections and repairs; and

9.4 keep records of those inspections and repairs for at least five years.

[1] Volatile Liquid Storage Tank Emission Standards in conditions 7 through 9 are state-enforceable only.

Volatile Liquid Loading Racks and Delivery Tank Emission Standards[2]

10. The owner, operator, or permittee of a stationary source that is located in the Port of Anchorage and that has a volatile liquid loading rack with a design throughput of 15 million gallons (357,143 barrels) or more per year shall reduce organic vapors emitted to the atmosphere by

10.1 operating a vapor collection system and liquid product loading equipment that

a. loads volatile liquid through the bottom of the delivery tank or through a submerged loading arm that extends to within six inches of the bottom of the delivery tank;

b. collects all organic vapors displaced during the loading of vapor-laden delivery tanks;

c. prevents any organic vapors collected at one delivery tank loading position from passing to another delivery tank loading position;

d. processes the vapors collected under condition 10.1b with

(i) a control device that emits no more than 10 milligrams of organic vapors per liter of volatile liquid loaded (six-hour average); or

(ii) a system that the department determines is as effective as the control device described in condition 10.1d(i); in making a determination under this clause, the department will use the procedures specified in the department's *Air Quality Compliance Certification Procedures for Volatile Liquid Storage Tanks, Delivery Tanks, and Loading Racks*, adopted by reference in 18 AAC 50.030;

e. prevents the gauge pressure in any delivery tank connected to the vapor collection system from exceeding 18 inches of water; and

f. does not contain a pressure relief valve designed to open at a gauge pressure of less than 18 inches of water, except that for a system using vapor balancing to a storage tank, a pressure relief valve on the storage tank or on any portion of the vapor collection system between a storage tank and the control device may be designed to open at a gauge pressure less than 18 inches of water, but may not open at the normal system operating pressure;

10.2 preventing the loading of liquid product into any vapor-laden delivery tank unless the tank

a. is connected to a vapor collection system that meets the requirements of condition 10.1; and

[2] Volatile Liquid Loading Racks and Delivery Tank Emission Standards in conditions 10 through 12 are state-enforceable only.

b. has been certified vapor-tight under condition 11 within the preceding 12 months; and

10.3 preventing leaks in the vapor collection system or liquid loading equipment that result in the release of a volatile liquid organic or a volatile organic vapor in a concentration exceeding 10,000 parts per million by volume, measured as methane.

11. In accordance with the department's *Air Quality Compliance Certification Procedures for Volatile Liquid Storage Tanks, Delivery Tanks, and Loading Racks*, adopted by reference in 18 AAC 50.030, the owner or operator of a delivery tank that is to be loaded with volatile liquid at a loading rack described in condition 10 shall

11.1 perform annual tests to certify that the delivery tank is vapor-tight;

11.2 mark the delivery tank with the month and year that the tank was last certified vapor-tight according to the test required under condition 11.1;

11.3 provide the owner, operator, or permittee of the loading rack with a copy of the most recent test results under condition 11.1; and

11.4 keep a copy of the most recent test results with the delivery tank.

12. When conducting source testing, the department will, and the owner, operator, or permittee shall, use the procedures specified in the department's *Air Quality Compliance Certification Procedures for Volatile Liquid Storage Tanks, Delivery Tanks, and Loading Racks*, adopted by reference in 18 AAC 50.030, to determine compliance with this section. In accordance with those procedures, the owner, operator, or permittee shall

12.1 periodically inspect air pollution control equipment;

12.2 repair any deficiencies detected;

12.3 report to the department the results of all inspections and repairs; and

12.4 keep records of all inspections and repairs for at least five years.

Conditions from AQC Permit No.'s 9521-AA003 and 9521-AA07

13. The permittee shall neither modify nor replace any of the storage tank equipment, loading rack equipment, or vapor recovery equipment which constitutes a modification as described by 18 AAC 50.900(56), without first notifying the department 30 days in advance. The notification must be in writing and must include a description of the proposed change and an estimate of any change in the quantity of emissions of each regulated air contaminant that may occur as the result of the modification or replacement.

14. For any storage tank subject to 18 AAC 50.085(b), the permittee shall submit to the department the inspection and maintenance record showing compliance with this section 60 days after completion of the work.

15. If the permittee makes any planned change(s) or modification(s) to the vapor recovery systems, Emission Units 9 and 31, which would decrease vapor recovery performance below the requirements of this permit or other applicable regulations, the permittee shall notify the department 15 days prior to the modification and provide a schedule for meeting the requirements. The permittee shall notify the Compliance Technician, Fairbanks Office, in writing, when the vapor recovery system is again operating in compliance with 18 AAC 50.090(a)(D)(i) and with the amended State Air Quality Control Plan, Volume II, Section IV, Point Source Control Program Subpart I, 4.a.ii.(2)(c)(i-ii).

16. The permittee shall maintain test results, instrument data or recording charts, maintenance records, and other data necessary to demonstrate compliance with this permit or other applicable requirements. The annual and monthly tests requiring reporting include those in Section 4 (b)(iii) and Section 6 of the amended State Air Quality Control Plan, Volume II, Section IV, Point Source Control Program, Subpart I.

17. The permittee shall have available for review, on request of the department, a copy of all the delivery tank vapor-tightness certifications.

Terminal I Conditions from AQC Permit No. 9521-AA003

18. Report the following in accordance with the Operating Report required in condition 39:

18.1 For the vapor recovery system, Emission Unit 9, report any changes in operations, down time, and repairs made to the system.

18.2 A report summary of the monthly leak inspections and completed repairs, required by the amended State Air Quality Control Plan, Volume II, Section IV, Point Source Control Program, Subpart I, to avoid a reoccurrence.

Terminal II Conditions from AQC Permit No. 9521-AA007

19. Report the following in accordance with the Operating Report required in condition 39:

19.1 For the vapor recovery system, Emission Unit 31, report any changes in operations, down time, and repairs made to the system.

19.2 A report summary of the monthly and annual inspections and completed repairs as required by and as set out in the State Air Quality Control Plan, Volume II, Section IV, Point Source Control Program, Subpart I, Section 6 "Recordkeeping and Reporting."

20. The permittee shall install, calibrate, operate, and maintain air contaminant control equipment on the Tank Truck Loading Racks, Emission Unit 31.

21. The permittee shall comply with the "VRU Operation and Maintenance (O & M) Manual" for the vapor collection and processing system, Emission Unit 9, as approved by the department on December 14, 2000.

21.1 Record and report deviations from the control unit inspection schedule and plan in the VRU Operation and Maintenance Manual in accordance with condition 38.

Section 5. Generally Applicable Requirements

22. Good Air Pollution Control Practice. The permittee shall do the following for Emission Units 1 through 8, 10 through 30, and 32:

a. Perform regular maintenance considering the manufacturer's or the operator's maintenance procedures;

b. Keep records of any maintenance that would have a significant effect on emissions; the records may be kept in electronic format;

c. Keep a copy of either the manufacturer's or the operator's maintenance procedures.

23. Reasonable Precautions to Prevent Fugitive Dust. A person who causes or permits bulk materials to be handled, transported, or stored, or who engages in an industrial activity or construction project shall take reasonable precautions to prevent particulate matter from being emitted into the ambient air.

23.1 The permittee shall keep records of

a. complaints received by the permittee and complaints received by the department and conveyed to the permittee; and

b. any additional precautions that are taken

(i) to address complaints described in condition 23.1 or to address the results of department inspections that found potential problems; and

(ii) to prevent future dust problems.

23.2 The permittee shall report according to condition 24.

24. Air Pollution Prohibited. No person may permit any emission which is injurious to human health or welfare, animal or plant life, or property, or which would unreasonably interfere with the enjoyment of life or property.

24.1 If emissions present a potential threat to human health or safety, the permittee shall report any such emissions according to condition 38.

24.2 As soon as practicable after becoming aware of a complaint that is attributable to emissions from the facility, the permittee shall investigate the complaint to identify emissions that the permittee believes have caused or are causing a violation of condition 24.

24.3 The permittee shall initiate and complete corrective action necessary to eliminate any violation identified by a complaint or investigation as soon as practicable if

a. after an investigation because of a complaint or other reason, the permittee believes that emissions from the facility have caused or are causing a violation of condition 24; or

b. the department notifies the permittee that it has found a violation of condition 24.

24.4 The permittee shall keep records of

a. the date, time, and nature of all emissions complaints received;

b. the name of the person or persons that complained, if known;

c. a summary of any investigation, including reasons the permittee does or does not believe the emissions have caused a violation of condition 24; and

d. any corrective actions taken or planned for complaints attributable to emissions from the facility.

24.5 With each facility operating report under condition 39, the permittee shall include a brief summary report which must include

a. the number of complaints received;

b. the number of times the permittee or the department found corrective action necessary;

c. the number of times action was taken on a complaint within 24 hours; and

d. the status of corrective actions the permittee or department found necessary that were not taken within 24 hours.

24.6 The permittee shall notify the department of a complaint that is attributable to emissions from the stationary source within 24 hours after receiving the complaint, unless the permittee has initiated corrective action within 24 hours of receiving the complaint.

Section 6. General Source Testing and Monitoring Requirements

25. **Requested Source Tests.** In addition to any source testing explicitly required by the permit, the permittee shall conduct source testing as requested by the department to determine compliance with applicable permit requirements.

26. **Operating Conditions.** Unless otherwise specified by an applicable requirement or test method, the permittee shall conduct source testing

    26.1 at a point or points that characterize the actual discharge into the ambient air; and

    26.2 at the maximum rated burning or operating capacity of the source or another rate determined by the department to characterize the actual discharge into the ambient air.

27. **Reference Test Methods.** The permittee shall use the following as reference test methods when conducting source testing for compliance with this permit:

    27.1 Source testing for the reduction in visibility through the exhaust effluent must be conducted in accordance with the procedures set out in Reference Method 9.

    27.2 Source testing for emissions of total particulate matter, sulfur compounds, nitrogen compounds, carbon monoxide, lead, volatile organic compounds, fluorides, sulfuric acid mist, municipal waste combustor organics, metals, and acid gases must be conducted in accordance with the methods and procedures specified in 40 C.F.R. 60, Appendix A.

28. **Excess Air Requirements.** To determine compliance with this permit, standard exhaust gas volumes must only include the volume of gases formed from the theoretical combustion of fuel, plus the excess air volume normal for the specific source type, corrected to standard conditions (dry gas at 68° F and an absolute pressure of 760 millimeters of mercury).

29. **Test Exemption.** The permittee is not required to comply with conditions 31, 32 and 33 when the exhaust is observed for visible emissions by EPA Method 9.

30. **Test Deadline Extension.** The permittee may request an extension to a source test deadline established by the department. The permittee may delay a source test beyond the original deadline only if the extension is approved in writing by the department's appropriate division director or designee.

31. **Test Plans.** Except as provided in condition 29, before conducting any source tests, the permittee shall submit a plan to the department. The plan must include the methods and procedures to be used for sampling, testing, and quality assurance and must specify how the source will operate during the test and how the permittee will document that operation. The permittee shall submit a complete plan within 60 days after receiving a request under condition 25 and at least 30 days before the scheduled date of any test unless the department agrees in writing to some other time period. Retesting may be done without resubmitting the plan.

32. **Test Notification.** Except as provided in condition 29, at least 10 days before conducting a source test, the permittee shall give the department written notice of the date and the time the source test will begin.

33. **Test Reports.** Except as provided in condition 29, within 60 days after completing a source test, the permittee shall submit two copies of the results in the format set out in the *Source Test Report Outline*, adopted by reference in 18 AAC 50.030. The permittee shall certify the results in the manner set out in condition 34. If requested in writing by the department, the permittee must provide preliminary results in a shorter period of time specified by the department.

Section 7. General Recordkeeping, Reporting, and Certification Requirements

34. Certification. The permittee shall certify all reports, compliance certifications, or other documents submitted to the department and required under the permit by including the signature of a responsible official for the permitted facility following the statement: "Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete." Excess emission reports must be certified either upon submittal or with an operating report required for the same reporting period. All other reports and other documents must be certified upon submittal. When certifying a compliance certification, the official's signature must be notarized.

35. Submittals. Unless otherwise directed by the department or this permit, the permittee shall send reports, compliance certifications, and other documents required by this permit to ADEC, Air Permits Program, 610 University Ave., Fairbanks, AK 99709-3643, ATTN: Compliance Technician.

36. Information Requests. The permittee shall furnish to the department, within a reasonable time, any information the department requests in writing to determine whether cause exists to modify, revoke and reissue, or terminate the permit or to determine compliance with the permit. Upon request, the permittee shall furnish to the department copies of records required to be kept by the permit. The department may require the permittee to furnish copies of those records directly to the federal administrator.

37. Recordkeeping Requirements. The permittee shall keep all records required by this permit for at least five years after the date of collection, including:

37.1 copies of all reports and certifications submitted pursuant to this section of the permit; and

37.2 records of all monitoring required by this permit, and information about the monitoring including:

a. calibration and maintenance records, original strip chart or computer-based recordings for continuous monitoring instrumentation;

b. sampling dates and times of sampling or measurements;

c. the operating conditions that existed at the time of sampling or measurement;

d. the date analyses were performed;

e. the location where samples were taken;

f. the company or entity that performed the sampling and analyses;

g. the analytical techniques or methods used in the analyses; and

h. the results of the analyses.

38. Excess Emissions and Permit Deviation Reports.

38.1 Except as provided in condition 24, the permittee shall report all emissions or operations that exceed or deviate from the requirements of this permit as follows:

a. in accordance with 18 AAC 50.240(c), as soon as possible after the event commenced or is discovered, report

(i) emissions that present a potential threat to human health or safety; and

(ii) excess emissions that the permittee believes to be unavoidable;

b. in accordance with 18 AAC 50.235(a), within two working days after the event commenced or was discovered, report an unavoidable emergency, malfunction, or nonroutine repair that causes emissions in excess of a technology based emission standard;

c. report all other excess emissions and permit deviations

(i) within 30 days of the end of the month in which the emissions or deviation occurs, except as provided in condition 38.1c(ii);

(ii) if a continuous or recurring excess emissions is not corrected within 48 hours of discovery, within 72 hours of discovery unless the department provides written permission to report under condition 38.1c(i); and

38.2 When reporting excess emissions, the permittee must report using either the department's online form, which can be found at http://www.state.ak.us/dec/dawq/aqm/eeform.pdf, or if the permittee prefers, the form contained in Section 11 of this permit. The permittee must provide all information called for by the form that is used.

38.3 When reporting a permit deviation, the permittee must report using the form contained in Section 11 of this permit. The permittee must provide all information called for by the form.

38.4 If requested by the department, the permittee shall provide a more detailed written report as requested to follow up an excess emissions report.

39. Operating Reports. During the life of this permit, the permittee shall submit to the department an original and two copies of an operating report by August 1 for the period January 1 to June 30 of the current year and by February 1 for the period July 1 to December 31 of the previous year.

39.1 The operating report must include all information required to be in operating reports by other conditions of this permit.

39.2 If excess emissions or permit deviations that occurred during the reporting period are not reported under condition 39.1, either

a. The permittee shall identify

(i) the date of the deviation;

(ii) the equipment involved;

(iii) the permit condition affected;

(iv) a description of the excess emissions or permit deviation; and

(v) any corrective action or preventive measures taken and the date of such actions; or

b. When excess emissions or permit deviations have already been reported under condition 38 the permittee may cite the date or dates of those reports.

Section 8. Terms to Make Permit Enforceable

40. The permittee must comply with each permit term and condition. Noncompliance with a permit term or condition constitutes a violation of AS 46.14, 18 AAC 50, and, except for those terms or conditions designated in the permit as not federally enforceable, the Clean Air Act, and is grounds for

40.1 an enforcement action;

40.2 permit termination, revocation and reissuance, or modification in accordance with AS 46.14.280.

41. It is not a defense in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with a permit term or condition.

42. Each permit term and condition is independent of the permit as a whole and remains valid regardless of a challenge to any other part of the permit.

43. Compliance with permit terms and conditions is considered to be compliance with those requirements that are

43.1 included and specifically identified in the permit; or

43.2 determined in writing in the permit to be inapplicable.

44. The permit may be modified, reopened, revoked and reissued, or terminated for cause. A request by the permittee for modification, revocation and reissuance, or termination or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

45. The permit does not convey any property rights of any sort, nor any exclusive privilege.

46. The permittee shall allow the department or an inspector authorized by the department, upon presentation of credentials and at reasonable times with the consent of the owner or operator to

46.1 enter upon the premises where a source subject to the permit is located or where records required by the permit are kept;

46.2 have access to and copy any records required by the permit;

46.3 inspect any stationary source, equipment, practices, or operations regulated by or referenced in the permit; and

46.4 sample or monitor substances or parameters to assure compliance with the permit or other applicable requirements

Section 9. Permit Documentation

May 25, 2006	Minor Permit Application for the Tesoro Anchorage Terminal
September 20	Letter from Peter Ribbens to Sally Ryan requesting administrative revision to Minor Permit No. AQ0034MSS01. Received by the Department on September 27, 2007.

Section 10. Visible Emissions Forms

Visible Emissions Field Data Sheet

Certified Observer: _____

Company: _____

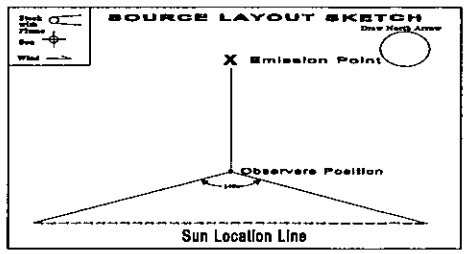
Location: _____

Test No.: _____ Date: _____

Source: _____

Production Rate, Operating Rate & Unit Operating Hours: _____

Hrs. of observation: _____



Clock Time	Initial				Final
Observer location Distance to discharge					
Direction from discharge					
Height of observer point					
Background description					
Weather conditions Wind Direction					
Wind speed					
Ambient Temperature					
Relative humidity					
Sky conditions: (clear, overcast, % clouds, etc.)					
Plume description: Color					
Distance visible					
Water droplet plume? (Attached or detached?)					
Other information					

Visible Emissions Observation Record

Page ___ of ___

Company _____ Certified Observer _____

Test Number _____ Clock time _____

Date:		Visibility reduction every 15 Seconds (Opacity)				Steam Plume (check if applicable)		Comments
Hr	Min	0	15	30	45	Attached	Detached	

Additional information:

_____
Observer Signature

Data Reduction:
Duration of Observation Period (minutes) _____
Number of Observations _____
Number of Observations exceeding 20 percent _____

Average Opacity Summary

Set Number	Time Start—End	Opacity	
		Sum	Average

Section 11. ADEC Notification Form

Fax this form to: (907) 269-7508 Telephone: (907) 269-8888

Tesoro Alaska Company
Company Name

Anchorage Terminals I & II
Facility Name

Reason for notification:

❑ **Excess Emissions**
If you checked this box
Fill out section 1

❑ **Other Deviation from Permit Condition**
If you checked this box
fill out section 2

When did you discover the Excess Emissions or Other Deviation:
Date:__/__/__ Time:__:__

Section 1. Excess Emissions

(a) Event Information (Use 24-hour clock):

	START Time: (hr:min):	**END** Time:	**Duration**
Date: _____	_____:_____	_____:_____	_____:_____
Date: _____	_____:_____	_____:_____	_____:_____
		Total:	_____:_____

(b) Cause of Event (Check all that apply):

❑ START UP ❑ UPSET CONDITION ❑ CONTROL EQUIPMENT
❑ SHUT DOWN ❑ SCHEDULED MAINTENANCE ❑ OTHER _____

Attach a detailed description of what happened, including the parameters or operating conditions exceeded.

(c) Sources Involved:

Identify each emission source involved in the event, using the same identification number and name as in the permit. List any control device or monitoring system affected by the event. Attach additional sheets as necessary.

Source ID No.	Source Name	Description	Control Device
_____	_____	_____	_____
_____	_____	_____	_____

(d) Emission Limit Potentially Exceeded

Identify each emission standard potentially exceeded during the event. Attach a list of ALL known or suspected injuries or health impacts. Identify what observation or data prompted this report. Attach additional sheets as necessary.

Permit Condition	Limit	Emissions Observed
_____	_____	_____
_____	_____	_____

(e) Excess Emission Reduction:

Attach a description of the measures taken to minimize and/or control emissions during the event.

(f) Corrective Actions:

Attach a description of corrective actions taken to restore the system to normal operation and to minimize or eliminate chances of a recurrence.

(g) Unavoidable Emissions:

Do you intend to assert that these excess emissions were unavoidable?

❑ YES ❑ NO

Do you intend to assert the affirmative defense of 18 AAC 50.235?

❑ YES ❑ NO

Section 2. Other Permit Deviations

(a) Sources Involved:

Identify each emission source involved in the event, using the same identification number and name as in the permit. List any control device or monitoring system affected by the event. Attach additional sheets as necessary.

Source ID No.	Source Name	Description	Control Device

(b) Permit Condition Deviation:

Identify each permit condition deviation or potential deviation. Attach additional sheets as necessary.

Permit Condition	Potential Deviation

(c) Corrective Actions:

Attach a description of actions taken to correct the deviation or potential deviation and to prevent recurrence

Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.

Printed Name: Signature: Date